1.   A method of authenticating a shipping transaction, comprising the steps
2   of:

providing a smartcard and a smartcard reader;

4   acquiring biometric information and shipping information relating to a customer;

encrypting the shipping information using the biometric information, and storing

6   the encrypted result on the smartcard and in a shipping database;

providing the smartcard to the customer so that the customer may access the

8   database and change shipping information; and

if an item is shipped to the customer, requesting the customer to supply the

10   biometric information to authorize the transaction.

2.   The method of claim 1, wherein the biometric information is a fingerprint.

3.   The biometric information act as a private key (identity-based encryption).

4.   The method of claim 1, wherein the shipping information includes the
2   identity of the customer.

5.   The method of claim 1, wherein the shipping information includes a
2   shipping address.

6.   The method of claim 1, wherein the shipping information includes an
2   alternate shipping address.

7.   The method of claim 1, wherein the shipping information includes a
2   telephone number or other customer contact information.

8.   The method of claim 1, wherein the shipping database is remote and
2   accessed through a cell phone, land line, or Internet-connected computer.

9.   The method of claim 1, wherein the result is also encrypted using a private

2   key and a company public key.

10.   The method of claim 1, further including the step of storing identity-based

2   encrypted (IBE) data on the smartcard.

11.   The method of claim 1, further including the step of storing a customer

2   address on the smartcard.

12.   The method of claim 1, further including the step of storing a phone

2   number on the smartcard.

13.   The method of claim 1, further including the step of storing a public key

2   on the smartcard.

14.   The method of claim 1, further including the step of storing a fingerprint

2   on the smartcard.

15.   The method of claim 1, further including the step of storing a private key

2   on the smartcard.

16.   The method of claim 1, further including the step of storing a company

2   public key.